

02/16/01

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09/785738

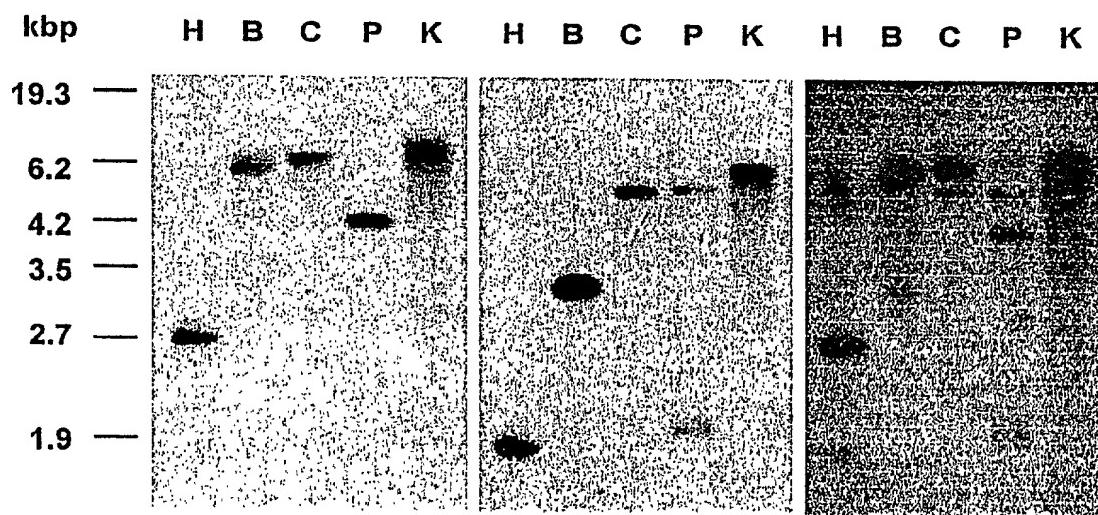


Fig. 1a

Fig. 1b

Fig. 1c

Fig.2

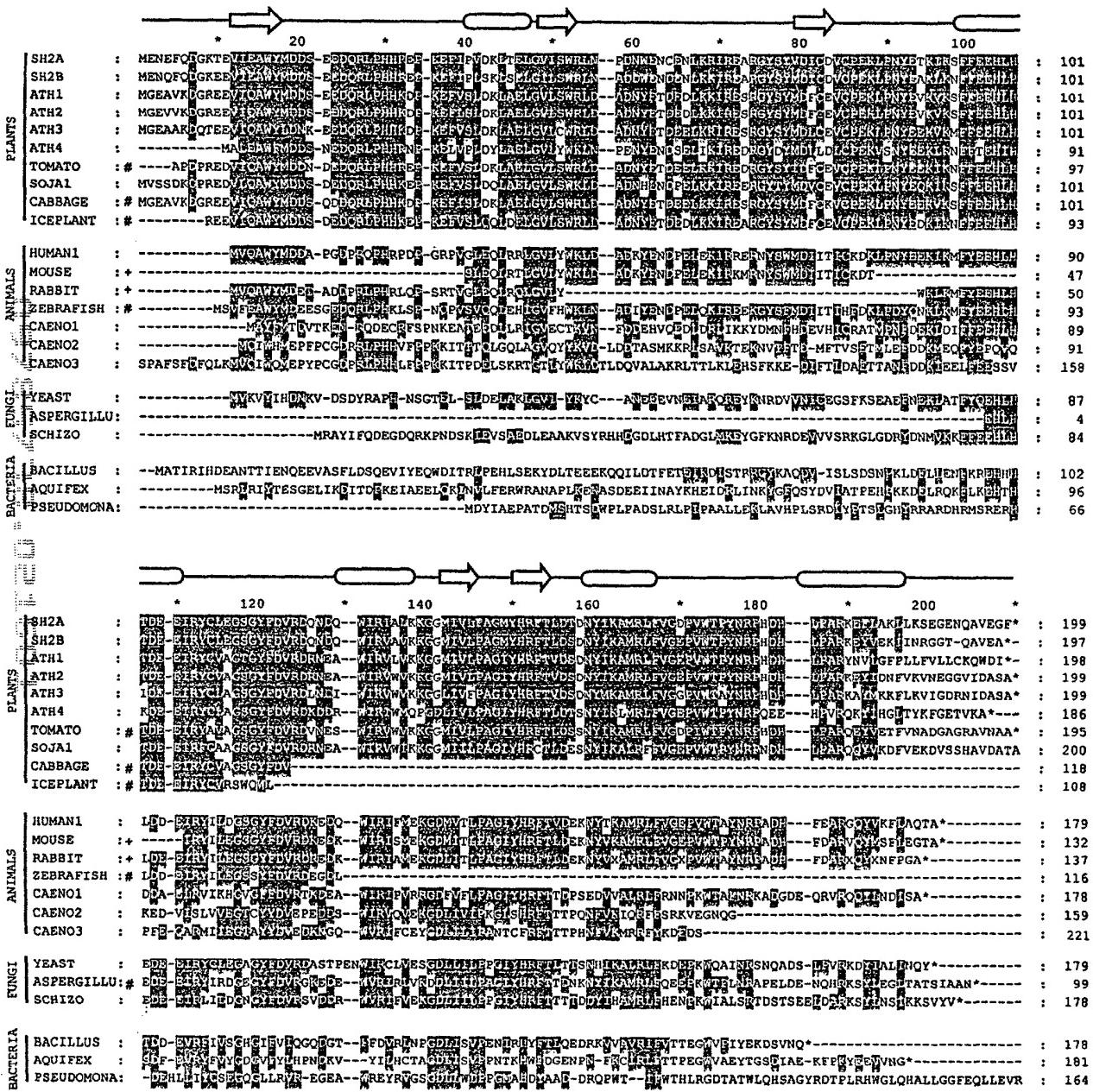


Fig.3

	SH2A	SH2B	ATH1	ATH2	ATH3	ATH4	HUMAN	CAENO1	CAENO2	CAENO3	SCHIZO	SCREV	BACSUB	AQUIFEX	PSEUDO
Oryza sativa SH2A	84 (93)	70 (85)	71 (87)	67 (83)	69 (74)	50 (67)	30 (49)	20 (36)	23 (46)	33 (46)	32 (51)	17 (33)	14 (29)	14 (24)	
Oryza sativa SH2B	84 (93)	75 (87)	75 (88)	70 (84)	60 (75)	54 (69)	31 (49)	20 (35)	24 (47)	31 (44)	33 (50)	18 (33)	14 (29)	14 (24)	
Arabidopsis thaliana 1	70 (85)	75 (87)	92 (95)	80 (88)	57 (73)	56 (69)	32 (52)	20 (36)	26 (47)	33 (45)	35 (51)	18 (34)	14 (30)	14 (26)	
Arabidopsis thaliana 2	71 (87)	75 (88)	92 (95)		82 (89)	58 (75)	54 (68)	31 (50)	18 (34)	24 (45)	33 (46)	34 (50)	18 (33)	14 (30)	13 (25)
Arabidopsis thaliana 3	67 (83)	70 (84)	80 (88)	62 (89)		57 (73)	54 (69)	30 (50)	18 (34)	23 (45)	23 (45)	33 (48)	18 (32)	15 (30)	12 (26)
Arabidopsis thaliana 4	59 (74)	60 (75)	57 (73)	68 (75)	57 (73)		54 (70)	34 (53)	23 (46)	24 (41)	27 (41)	39 (58)	18 (32)	18 (30)	12 (24)
Homo sapiens	50 (67)	54 (69)	58 (69)	54 (68)	54 (69)	54 (70)		39 (58)	22 (37)	29 (53)	35 (51)	38 (55)	19 (34)	17 (32)	12 (23)
Caenorhabditis elegans 1	30 (49)	31 (49)	32 (52)	31 (50)	30 (50)	34 (53)	39 (58)		15 (28)	23 (46)	36 (51)	32 (49)	18 (35)	20 (33)	11 (25)
Caenorhabditis elegans 2	20 (35)	20 (35)	20 (36)	18 (34)	18 (34)	23 (48)	22 (37)	15 (29)		33 (48)	15 (29)	15 (31)	10 (23)	9 (20)	5 (12)
Caenorhabditis elegans 3	23 (46)	24 (47)	26 (47)	24 (45)	23 (45)	24 (41)	29 (53)	23 (46)	33 (48)		22 (42)	21 (45)	14 (35)	12 (25)	8 (22)
Schizosaccharomyces pombe	33 (46)	31 (44)	33 (45)	33 (46)	33 (48)	27 (41)	35 (51)	36 (51)	15 (29)	22 (42)		37 (58)	18 (36)	20 (34)	14 (26)
Saccharomyces cerevisiae	32 (51)	33 (50)	35 (51)	34 (50)	34 (50)	39 (58)	38 (55)	32 (49)	15 (31)	21 (45)	37 (58)		16 (33)	17 (30)	15 (24)
Bacillus subtilis	17 (33)	18 (33)	18 (34)	18 (33)	18 (32)	19 (32)	19 (34)	18 (35)	10 (23)	14 (35)	18 (36)	16 (33)		26 (46)	8 (19)
Aquifex aeolicus	14 (29)	14 (29)	14 (30)	14 (30)	15 (30)	18 (30)	17 (32)	20 (33)	9 (20)	12 (25)	20 (34)	17 (30)	26 (46)		7 (19)
Pseudomonas aeruginosa	14 (24)	14 (24)	14 (26)	13 (25)	12 (26)	12 (24)	12 (23)	11 (25)	5 (12)	8 (22)	14 (26)	15 (24)	6 (19)		7 (19)
	SH2A	SH2B	ATH1	ATH2	ATH3	ATH4	HUMAN	CAENO1	CAENO2	CAENO3	SCHIZO	SCREV	BACSUB	AQUIFEX	PSEUDO

Fig.4

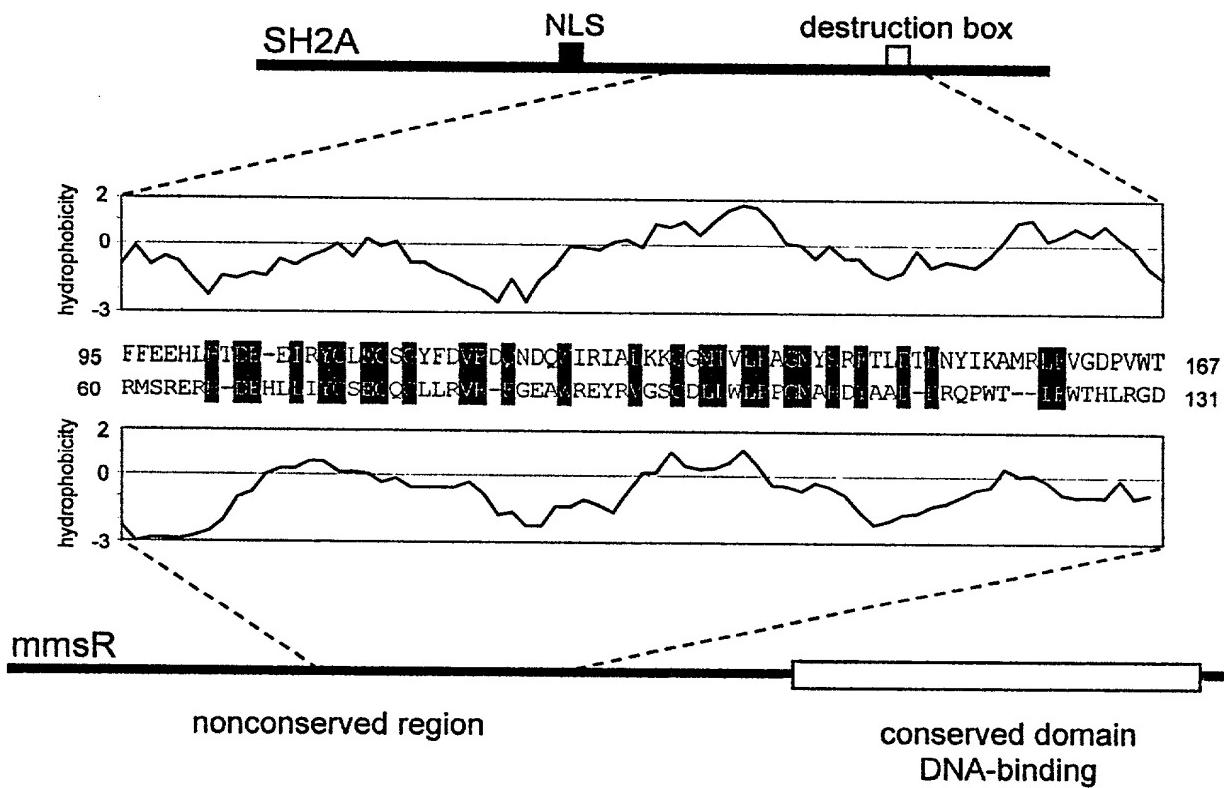
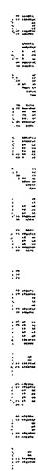
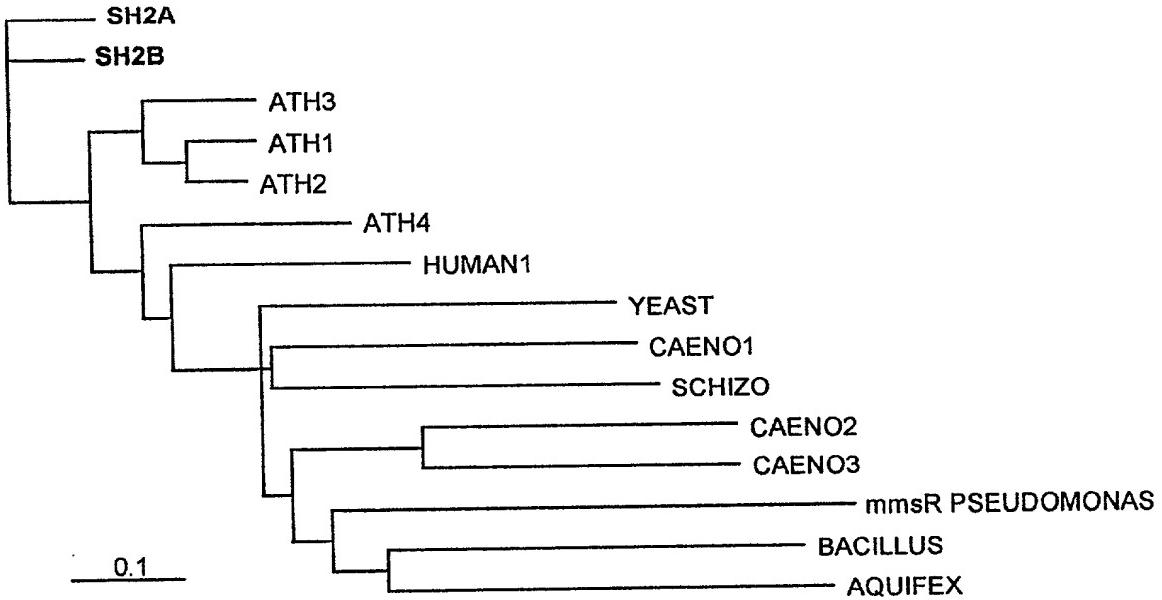


Fig. 5

SH2A
SH2B
ATH3
ATH1
ATH2
ATH4
HUMAN1
YEAST
CAENO1
SCHIZO
CAENO2
CAENO3
mmsR PSEUDOMONAS
BACILLUS
AQUIFEX



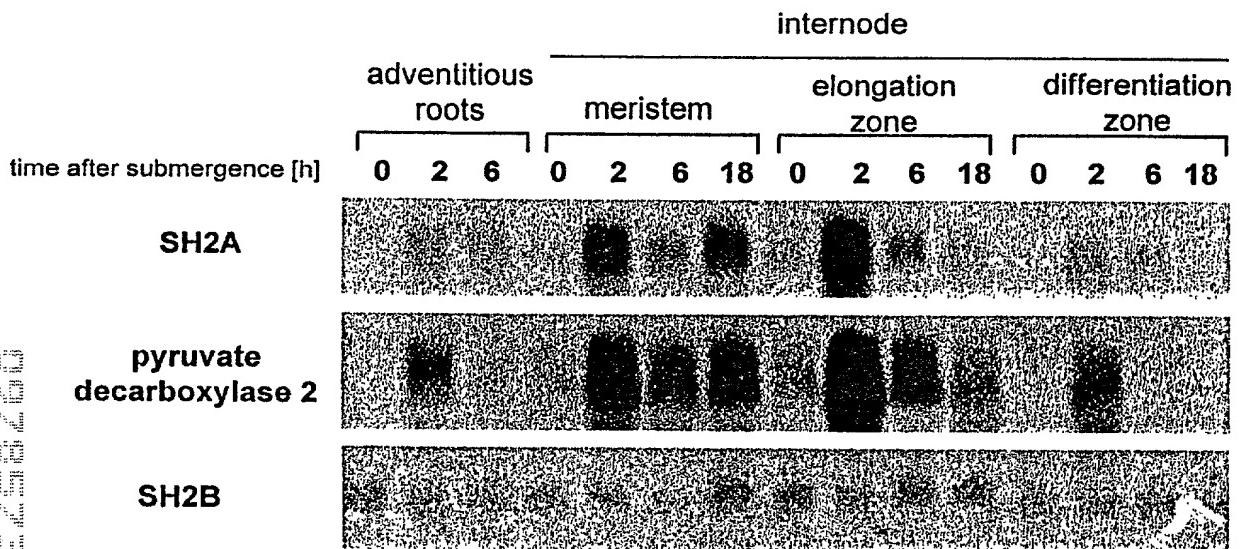


Fig. 6a

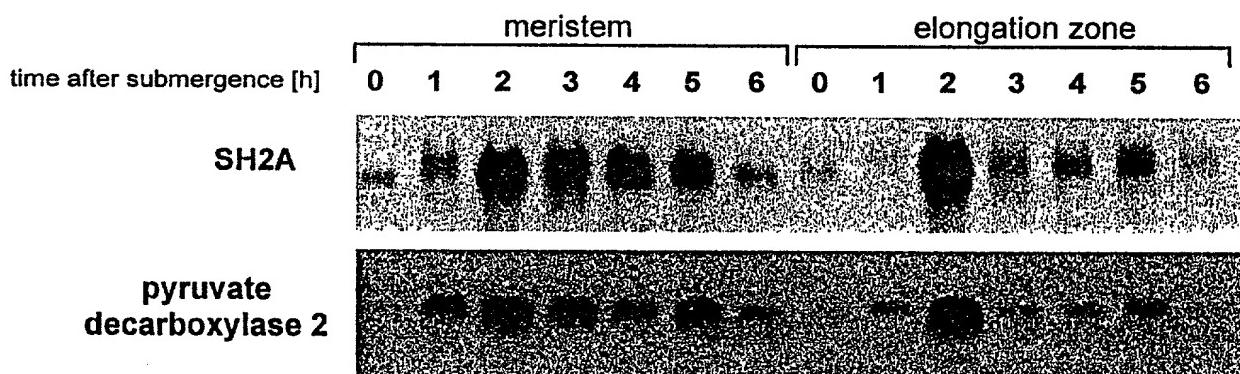
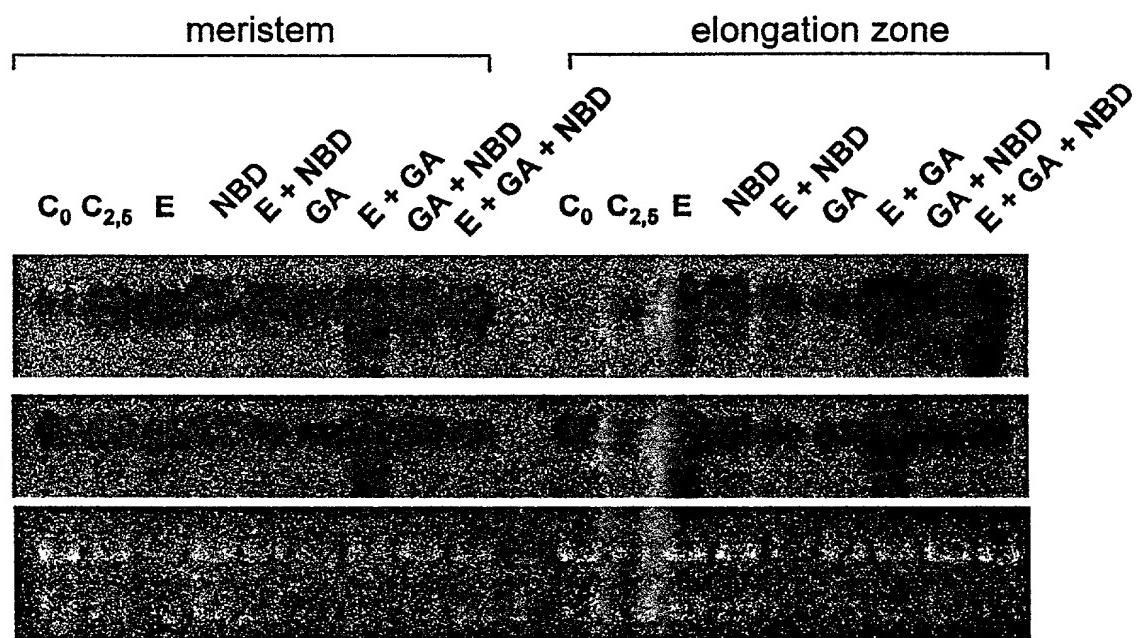


Fig. 6b

Fig. 7



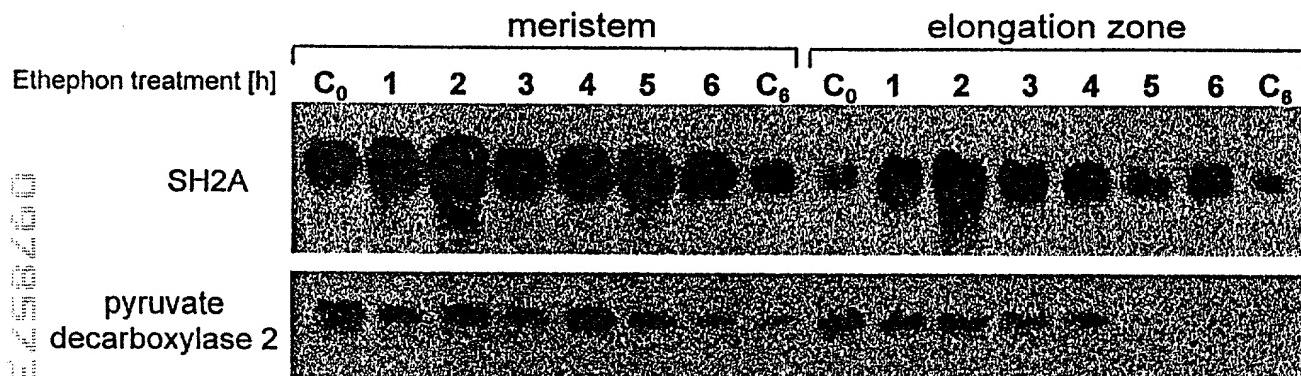


Fig. 8a

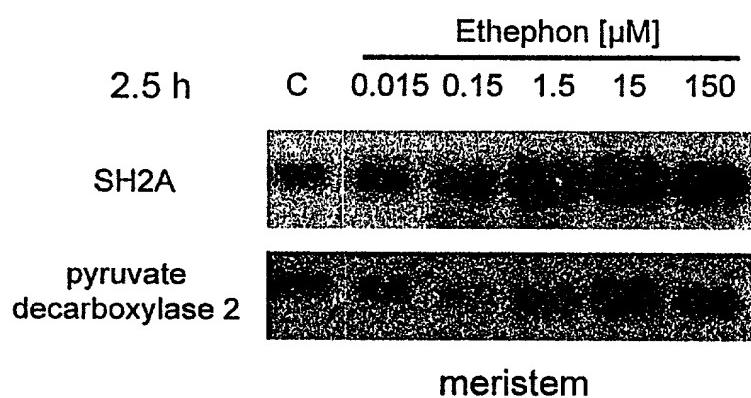


Fig. 8b

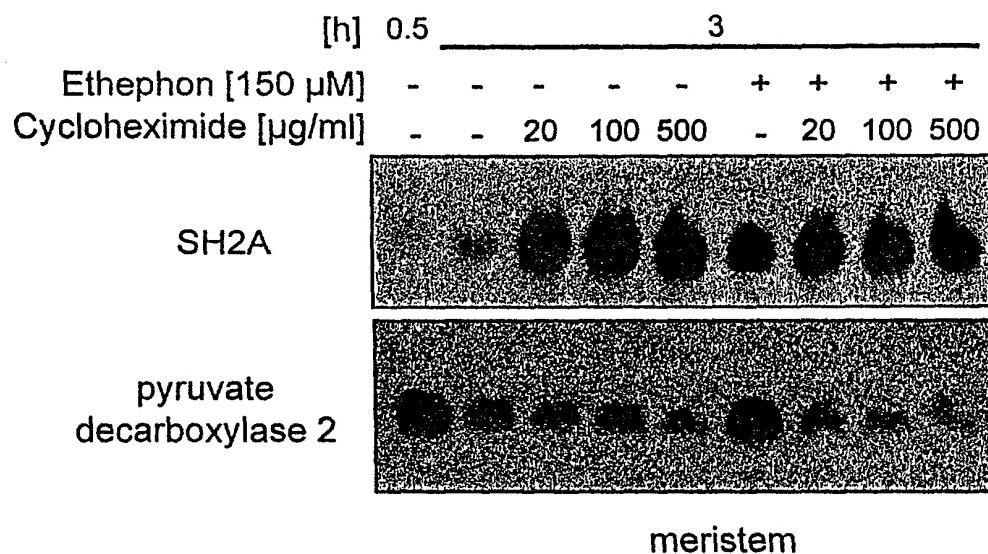


Fig. 9a

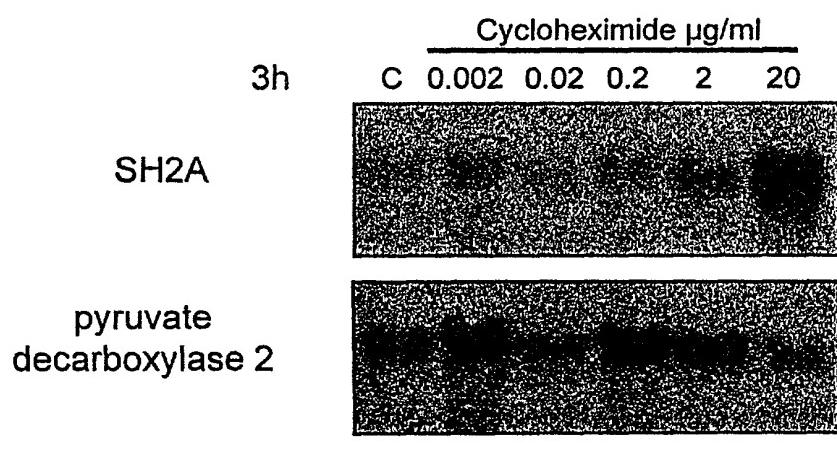


Fig. 9b

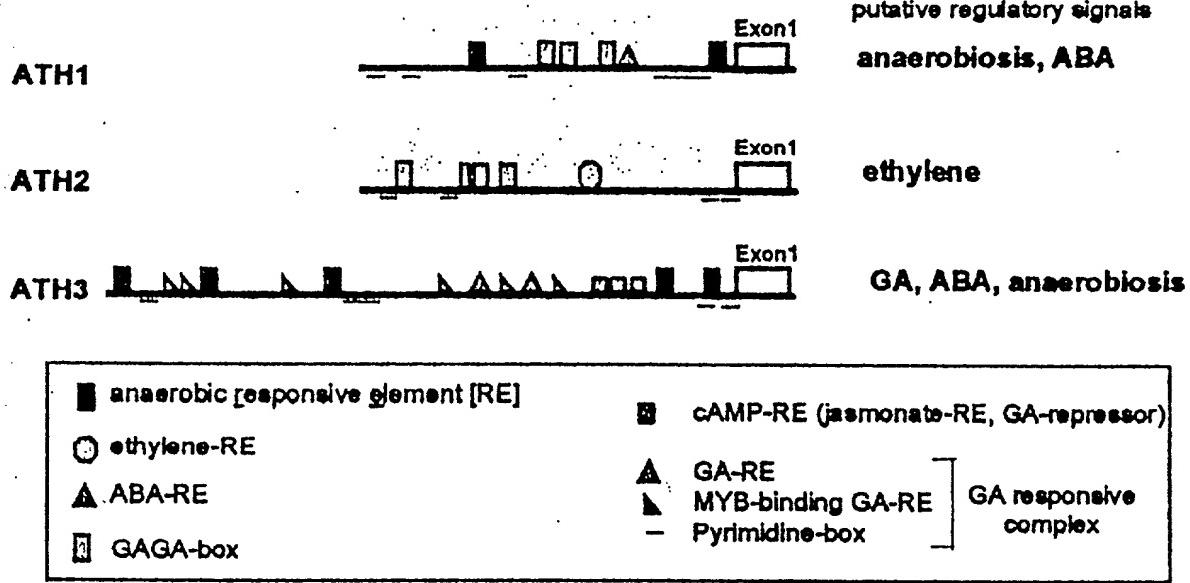


Figure 10